

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5561687").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/09/01 10:06
L2	16	"5561687" and ((adaptive or adjust\$4) near8 (weight\$1 or coefficient \$1 or tap\$1))	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/09/01 10:07
L3	79	(orthogonal with (fft near4 dct))	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/09/01 11:13
L4	33	(orthogonal near5 (fft near4 dct))	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/09/01 11:13
L5	1	("5793801").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/09/01 11:45
L6	1	("20020027953").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/09/01 12:56
S1	33	"5650954"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:27
S2	8	"5650954" and (equalizer and transform)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:31
S3	1	("5790606").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/28 09:33
S4	1	("6044107").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/28 09:34
S5	1	("6148041").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/28 09:35
S6	1	("6307868").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/28 09:35
S7	1	"wo 0044144"	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:36

S8	19	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain) near2 (dfe or (decision adj1 feedback adj1 equaliz\$3) or (decision\$1feed \$1back adj1 equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:39
S9	1109	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain) near3 (equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:46
S10	111	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 courier adj1 transform)) near10 delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:47
S11	175	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 courier adj1 transform)) near10 coefficient\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:47
S12	4	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain) near3 (equalizer) and (delay near10 (transform or fft or dft or dct or (fast adj1 courier adj1 transform)) near10 coefficient\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:48

S13	16	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 courier adj1 transform)) near10 (delay\$2 adj1 (sampl\$1 or line)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 09:50
S14	17	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 fourier adj1 transform)) near10 (coefficient\$1 or weight\$1)) with (summer or combin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:01
S15	199	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 fourier adj1 transform)) near10 (coefficient\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:23
S16	151	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 fourier adj1 transform)) near5 (coefficient\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:23

S17	185	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 fourier adj1 transform)) near5 (coefficient\$1 or weight\$1 or tap\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:23
S18	28	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near3 (equalizer) and ((transform or fft or dft or dct or (fast adj1 fourier adj1 transform)) near5 (coefficient\$1 or weight\$1 or tap\$1)) and (delay\$3 near5 (transform or fft or dft or dct or (fast adj1 fourier adj1 transform)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:24
S19	0	EP1563657	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:57
S20	2	"EP 1563657"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 10:57
S21	53	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near4 (dfe or (decision\$1feedback) or (decision adj1 feed \$1back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 11:00
S22	17	(fft or (fast adj1 fourier adj1 transform)) near4 (dfe or (decision \$1feedback) or (decision adj1 feed\$1back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 11:09

S23	18	(((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near2 equalizer) and (((fft or dft or (fourier adj1 transform)) near8 delay \$2) and (((fft or dft or (fourier adj1 transform)) near8 delay\$2) and (((fft or dft or (fourier adj1 transform)) near4 (coefficient\$1 or tap\$1 or weight\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 11:19
S24	64	(((fft or dft or (fourier adj1 transform)) same delay\$3 same (coefficient \$1 or tap\$1 or weight\$1) same (combiner or adder or summer)) and (decision adj1feed\$1back adj1 equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 11:23
S25	28	(((fft or dft or (fourier adj1 transform)) near5 (dfe or (decision adj1 feed\$1back) or (decision \$1feed\$1back)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 12:37
S26	53	(((fft or dft or (fourier adj1 transform)) near10 (dfe or (decision adj1 feed\$1back) or (decision \$1feed\$1back)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 12:41
S27	66	(((fft or dft or (fourier adj1 transform)) near10 (ffe or feed\$1forward))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 12:52
S28	33	(((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near4 (dfe or (decision adj1 feedback adj1 equaliz\$3) or (decision\$1feed \$1back adj1 equaliz\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:09

S29	11	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) near4 (ffe or (feed\$1forward adj1 equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:12
S30	2	"fd-dfe" and equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:23
S31	895	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) adj1 (equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:41
S32	716	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) adj1 (equalizer) and (fft or (fast adj1 fourier adj1 transform) or dft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:42
S33	230	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) adj1 (equalizer) and ((fft or (fast adj1 fourier adj1 transform) or dft) with (tap\$1 or coefficient\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:43
S34	30	((frequency adj1 domain) or frequency \$1domain) or ((transform adj1 domain) or transform \$1domain)) adj1 (equalizer) and ((fft or (fast adj1 fourier adj1 transform) or dft) with (tap\$1 or coefficient\$1 or weight\$1)) same (delay\$1line or delay\$3 or (delay adj1 line))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 13:46

S35	34	(fft or (fast adj1 fourier adj1 transform)) near9 (dfe or (decision \$1feedback) or (decision adj1 feed\$1back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 14:18
S36	34	(fft or (fast adj1 fourier adj1 transform) or (fast \$1fourier adj1 transform)) near9 (dfe or (decision\$1feedback) or (decision adj1 feed \$1back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 14:18
S37	118	(decision adj1 feed \$1back adj1 equalizer) and ((delay adj1 line) with (coefficient\$1 or tap \$1) with (summer or combin\$3 or add\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 14:38
S38	6	(decision adj1 feed \$1back adj1 equalizer) and ((delay adj1 line) with (coefficient\$1 or tap \$1) with (summer or combin\$3 or add\$3)) same slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 14:39
S39	13	(decision adj1 feed \$1back adj1 equalizer) and ((delay adj1 line) same (coefficient\$1 or tap\$1) same (summer or combin\$3 or add\$3)) same slicer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 14:43
S40	0	((fft or dft or (fourier adj1 transform)) near3 inside near2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:17
S41	0	((fft or dft or (fourier adj1 transform)) near3 in near2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:18
S42	0	((fft or dft or (fourier adj1 transform)) near3 (delay adj1 (line or block \$1 or unit\$1))) same equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:19
S43	6	((fft or dft or (fourier adj1 transform)) near8 (delay adj1 (line or block \$1 or unit\$1))) same equalizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:19

S44	19	((fft or dft or (fourier adj1 transform)) with (delay adj1 (line or block \$1 or unit\$1)) same equalizer	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:21
S45	67	((fft or dft or (fourier adj1 transform)) near5 delay\$2) same equalizer	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:25
S46	111	((transform\$1domain) or (transform adj1 domain)) near3 (ffe or dfe or fbe or filter or equalizer)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/28 15:50
S47	1	("5533067").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/28 18:30
S48	1	("6724809").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/08/28 18:31
S49	12	(dfe or (decision adjfeed \$1back)) and ((step adj1 size) same (complex adj1 conjugate) same equalizer)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 14:48
S50	238	(discrete adj1 cosine adj1 transform) near5 (advantage\$1 or benefit \$1)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:02
S51	218	(discrete adj1 cosine adj1 transform) near4 (advantage\$1 or benefit \$1)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:03
S52	0	(discrete adj1 cosine adj1 transform) near4 (advantage\$1 or benefit \$1) near4 (fast adj1 fourier adj1 transform)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:03
S53	218	(discrete adj1 cosine adj1 transform) near4 (advantage\$1 or benefit \$1)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:03
S54	0	(transformed near2 coefficient\$1) same (feed \$1bake adj1 filter) same (transfrom adj1 matrix)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:18
S55	0	(transformed near2 coefficient\$1) same (feed \$1back adj1 filter) same (transfrom adj1 matrix)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:18

S56	0	(transformed adj1 filter adj1 coefficient\$1) same (transfrom adj1 matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:18
S57	0	(transfrom adj1 matrix) with (filter adj1 (coefficient\$1 or tap\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:19
S58	0	(transfrom) with (filter adj1 (coefficient\$1 or tap \$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:20
S59	70	(feed\$1back adj1 (filter or equalizer)) same (step adj1 size) same decision	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:23
S60	1	(feed\$1back adj1 (filter or equalizer)) same (step adj1 size) same decision same (conjugate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:24
S61	5	(feed\$1back adj1 (filter or equalizer)) and (step adj1 size) same decision same (conjugate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:24
S62	116	(feed\$1back adj1 (filter or equalizer)) and (step adj1 size) and decision and (complex adj1 conjugate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/29 15:31

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